

#2 04/10/2001

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/802,520

DATE: 03/27/2001
 TIME: 09:38:24

ENTERED

Input Set : A:\pc0037us_seqlisting.txt
 Output Set: N:\CRF3\03272001\I802520.raw

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2 <110> APPLICANT: Lal, Preeti
3   Faris, Mary
4   Chen, Huei-Mei
5   Ison, Craig H.
7 <120> TITLE OF INVENTION: STEAP-RELATED PROTEIN
9 <130> FILE REFERENCE: PC-0037 US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/802,520
C--> 12 <141> CURRENT FILING DATE: 2001-03-09
14 <160> NUMBER OF SEQ ID NOS: 11
15 <170> SOFTWARE: PERL Program
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 490
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
22 <220> FEATURE:
23 <221> NAME/KEY: misc_feature
24 <223> OTHER INFORMATION: Incyte ID No: 7492448CD1
26 <400> SEQUENCE: 1
27   Met Glu Ser Ile Ser Met Met Gly Ser Pro Lys Ser Leu Ser Glu
28     1             5             10             15
29   Thr Cys Leu Pro Asn Gly Ile Asn Gly Ile Lys Asp Ala Arg Lys
30     20             25             30
31   Val Thr Val Gly Val Ile Gly Ser Gly Asp Phe Ala Lys Ser Leu
32     35             40             45
33   Thr Ile Arg Leu Ile Arg Cys Gly Tyr His Val Val Ile Gly Ser
34     50             55             60
35   Arg Asn Pro Lys Phe Ala Ser Glu Phe Phe Pro His Val Val Asp
36     65             70             75
37   Val Thr His His Glu Asp Ala Leu Thr Lys Thr Asn Ile Ile Phe
38     80             85             90
39   Val Ala Ile His Arg Glu His Tyr Thr Ser Leu Trp Asp Leu Arg
40     95            100            105
41   His Leu Leu Val Gly Lys Ile Leu Ile Asp Val Ser Asn Asn Met
42    110            115            120
43   Arg Ile Asn Gln Tyr Pro Glu Ser Asn Ala Glu Tyr Leu Ala Ser
44    125            130            135
45   Leu Phe Pro Asp Ser Leu Ile Val Lys Gly Phe Asn Val Val Ser
46    140            145            150
47   Ala Trp Ala Leu Gln Leu Gly Pro Lys Asp Ala Ser Arg Gln Val
48    155            160            165
49   Tyr Ile Cys Ser Asn Asn Ile Gln Ala Arg Gln Gln Val Ile Glu
50    170            175            180
51   Leu Ala Arg Gln Leu Asn Phe Ile Pro Ile Asp Leu Gly Ser Leu
52    185            190            195
53   Ser Ser Ala Arg Glu Ile Glu Asn Leu Pro Leu Arg Leu Phe Thr
54    200            205            210
55   Leu Trp Arg Gly Pro Val Val Val Ala Ile Ser Leu Ala Thr Phe

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56          215          220          225
57 Phe Phe Leu Tyr Ser Phe Val Arg Asp Val Ile His Pro Tyr Ala
58          230          235          240
59 Arg Asn Gln Gln Ser Asp Phe Tyr Lys Ile Pro Ile Glu Ile Val
60          245          250          255
61 Asn Lys Thr Leu Pro Ile Val Ala Ile Thr Leu Leu Ser Leu Val
62          260          265          270
63 Tyr Leu Ala Gly Leu Leu Ala Ala Ala Tyr Gln Leu Tyr Tyr Gly
64          275          280          285
65 Thr Lys Tyr Arg Arg Phe Pro Pro Trp Leu Glu Thr Trp Leu Gln
66          290          295          300
67 Cys Arg Lys Gln Leu Gly Leu Leu Ser Phe Phe Phe Ala Met Val
68          305          310          315
69 His Val Ala Tyr Ser Leu Cys Leu Pro Met Arg Arg Ser Glu Arg
70          320          325          330
71 Tyr Leu Phe Leu Asn Met Ala Tyr Gln Gln Val His Ala Asn Ile
72          335          340          345
73 Glu Asn Ser Trp Asn Glu Glu Glu Val Trp Arg Ile Glu Met Tyr
74          350          355          360
75 Ile Ser Phe Gly Ile Met Ser Leu Gly Leu Leu Ser Leu Leu Ala
76          365          370          375
77 Val Thr Ser Ile Pro Ser Val Ser Asn Ala Leu Asn Trp Arg Glu
78          380          385          390
79 Phe Ser Phe Ile Gln Ser Thr Leu Gly Tyr Val Ala Leu Leu Ile
80          395          400          405
81 Ser Thr Phe His Val Leu Ile Tyr Gly Trp Lys Arg Ala Phe Glu
82          410          415          420
83 Glu Glu Tyr Tyr Arg Phe Tyr Thr Pro Pro Asn Phe Val Leu Ala
84          425          430          435
85 Leu Val Leu Pro Ser Ile Val Ile Leu Gly Lys Ile Ile Leu Phe
86          440          445          450
87 Leu Pro Cys Ile Ser Arg Lys Leu Lys Arg Ile Lys Lys Gly Trp
88          455          460          465
89 Glu Lys Ser Gln Phe Leu Glu Glu Gly Ile Gly Gly Thr Ile Pro
90          470          475          480
91 His Val Ser Pro Glu Arg Val Thr Val Met
92          485          490

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94 <210> SEQ ID NO: 2
95 <211> LENGTH: 1891
96 <212> TYPE: DNA
97 <213> ORGANISM: Homo sapiens
99 <220> FEATURE:
100 <221> NAME/KEY: misc_feature
101 <223> OTHER INFORMATION: Incyte ID No: 7492448CB1
103 <400> SEQUENCE: 2
104 ggggaagcag ctggagtgcg accgccacgg cagccaccct gcaaccgccca gtcggagggtg 60
105 cagtccgtag gccctggccc ccgggtgggc ccttggggag tcggcgccgc tcccgaggag 120
106 ctgcaaggct cgccctgcc cgcggtggag ggcgcggggg gcgcggagaa agtgaagaga 180
107 ggaaattgga aaattgtgag tggaccttct gatactgctc ctccttgctg ggaaaagggg 240

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108 aaagaactgc atgcatatta ttcagcgtcc tatattcaaa ggatattctt ggtgatcttg 300
109 gaagtgtccg tatcatggaa tcaatctcta tgatgggaag ccctaagagc cttagtgtga 360
110 cttgtttacc taatggcata aatggtatca aagatgcaag gaaggtcact gtagggtgtga 420
111 ttggaagtgg agatttttgcc aaatccttga ccattcgact tattagatgc ggctatcatg 480
112 tggtcatagg aagtagaaat cctaagtttg cttctgaatt ttttctcat gtggtagatg 540
113 tcaactcatca tgaagatgct ctcaaaaaa caaatataat atttgttgc atacacagag 600
114 aacattatac ctccctgtgg gacctgagac atctgcttgc gggtaaaatc ctgattgatg 660
115 tgagcaataa catgaggata aaccagtacc cagaatccaa tgctgaatat ttggcttcat 720
116 tattcccaga ttctttgatt gtcaaaggat ttaatgttgt ctgagcttgg gcacttcagt 780
117 taggacctaa ggaatgccagc cggcaggttt atatatgcag caacaatatt caagcgcgac 840
118 aacaggttat tgaacttgcc cggcagttga atttcattcc cattgacttg ggatccttat 900
119 catcagccag agagattgaa aatttaccct tacgactctt tactctctgg agagggccag 960
120 tgggtgttagc tataagcttg gccacatttt ttttcttta ttctttgtgc agagattgtga 1020
121 ttcatccata tgctagaana caacagagtg acttttataa aattctata gagattgtga 1080
122 ataaaacctt acctatagtt gccattactt tgctctccct agtataacct gcagggtcttc 1140
123 tggcagctgc ttatcaactt tattacggca ccaagtatag gagatttcca ccttggttgg 1200
124 aaacctgggt acagtgtaga aaacagcttg gattactaag tttttcttc gctatggtcc 1260
125 atgttgccca cagcctctgc ttaccgatga gaaggtcaga gagatatttg tttctcaaca 1320
126 tggcttatca gcaggttcat gcaaatattg aaaactcttg gaatgaggaa gaagtttga 1380
127 gaattgaaat gtatatctcc ttgtgcataa tgagccttgg ctactttcc ctccctggcag 1440
128 tcacttctat cccttcagtg agcaatgctt taaactggag agaattcagt tttattcagt 1500
129 ctacacttgg atatgtcgtc ctgctcataa gtactttcca tgttttaatt tatggatgga 1560
130 aacgagcttt tgaggaagag tactacagat ttatacacc accaaacttt gttcttgctc 1620
131 ttgttttgcc ctcaattgta attctgggta agattatttt attccttcca tgtataagcc 1680
132 gaaagctaaa acgaattaaa aaaggctggg aaaagagcca atttctggaa gaaggatttg 1740
133 gaggaacaat tcctcatgtc tcccgggaga gggtcacagt aatgtgatga taaatggtgt 1800
134 tcacagctgc catataaagt tctactcatg ccattatttt tatgacttct acgttcagtt 1860
135 acaagtatgc tgtcaaatga tcgtgggttg a 1891
137 <210> SEQ ID NO: 3
138 <211> LENGTH: 517
139 <212> TYPE: DNA
140 <213> ORGANISM: Homo sapiens
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <223> OTHER INFORMATION: Incyte ID No: 7100809H1
146 <400> SEQUENCE: 3
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148 cagtccgtag gccctggccc ccgggtgggc ccttggggag tcggcgccgc tcccgaggag 120
149 ctgcaaggct cggccctgcc cggcgtggag ggcgcggggg gcgcggagaa agtgaagaga 180
150 ggaaattgga aaattgtgag tggaccttct gatactgctc ctccctgcgt ggaaaagggg 240
151 aaagaactgc atgcatatta ttcagcgtcc tatattcaaa ggatattctt ggtgatcttg 300
152 gaagtgtccg tatcatggaa tcaatctcta tgatgggaag ccctaagagc cttagtgtga 360
153 cttgtttacc taatggcata aatggtatca aagatgcaag gaaggtcact gtagggtgtga 420
154 ttggaagtgg agatttttgcc aaatccttga ccattcgact tattagatgc ggctatcatg 480
155 tggtcatagg aagtagaaat cctaagtttg cttctga 517
157 <210> SEQ ID NO: 4
158 <211> LENGTH: 493
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens

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162 <220> FEATURE:
163 <221> NAME/KEY: misc_feature
164 <223> OTHER INFORMATION: Incyte ID No: 6912820J1
166 <400> SEQUENCE: 4
167   ggtcactgta ggtgtgattg gaagtggaga ttttgccaaa tccttgacca ttcgacttat 60
168   tagatgcggc tatcatgtgg tcataggaag tagaaatcct aagtttgctt ctgaattttt 120
169   tcctcatgtg gtagatgtca ctcatcatga agatgctctc acaaaaaaaa atataatatt 180
170   tgttgctata cacagagAAC attatacctc cctgtgggac ctgagacatc tgcttggtgg 240
171   taaaatcctg attgatgtga gcaataacat gaggataaac cagtaccag aatccaatgc 300
172   tgaatatttg gcttcattat tcccagattc tttgattgtc aaaggattta atgttgcttc 360
173   agcttgggca cttcagttag gacctaagga tgccagccgg caggtttata tatgcagcaa 420
174   caatattcaa gcgcgacaac aggttattga acttgcccgc cagttgaatt tcattcccat 480
175   tgacttggga tcc                                     493
177 <210> SEQ ID NO: 5
178 <211> LENGTH: 403
179 <212> TYPE: DNA
180 <213> ORGANISM: Homo sapiens
182 <220> FEATURE:
183 <221> NAME/KEY: misc_feature
184 <223> OTHER INFORMATION: Incyte ID No: 4647117F6
186 <220> FEATURE:
187 <221> NAME/KEY: unsure
188 <222> LOCATION: 316, 321, 339
189 <223> OTHER INFORMATION: a, t, c, g, or other
191 <400> SEQUENCE: 5
192   cccagattct ttgattgtca aaggatttaa tgttgtotca gcttgggcac ttcagttagg 60
193   acctaaggat gccagccggc aggtttatat atgcagcaac aatattcaag cgcgacaaca 120
194   ggttattgaa cttgcccgcc agttgaattt cattcccatt gacttgggat ccttatcatc 180
195   agccagagag attgaaaatt taccctacg actctttact ctctggagag ggccagtggg 240
196   ggtagctata agcttggcca cttttttttt cctttattcc tttgtcagag atgtgattca 300
197   tccatattgt agaaancaa ngagtgaact ttacaaacnt tctatagaga ttgtgaataa 360
198   aaccttacct atagttgcca ttactttgct cccctagta tac                                     403
200 <210> SEQ ID NO: 6
201 <211> LENGTH: 560
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <223> OTHER INFORMATION: Incyte ID No: 7004364H1
209 <400> SEQUENCE: 6
210   acattttttt tccttgatgc ctttgtcaga gatgtgattc atccatatgc tagaaaccaa 60
211   cagagtgtact tttacaaaat tctatagag attgtgaata aaaccttacc tatagttgcc 120
212   attactttgc tctccctagt atacctcgca ggtcttctgg cagctgtcta tcaactttat 180
213   tacggcacca agtataggag atttccacct tggttggaaa cctgggttaca gtgtagaaaa 240
214   cagcttggat tactaagttt tatcttcgct atgggtccatg ttgcctacag cctctgctta 300
215   ccgatgagaa ggtcagagag atatttggtt ctcaacatgg cttatcagca gggtcatgca 360
216   aatattgaaa actcttgtaa tgaggaagaa gtttgagaa ttgaaatgta tatctccttt 420
217   ggcataatga gccttggctt actttccctc ctggcagtca cttctatccc ttcagtgage 480
218   aatgctttaa actggagaga attcagtttt attcagtcta cacttggata tgcgtctctg 540

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 Output Set: N:\CRF3\03272001\I802520.raw

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219  ctcataagta ctttccatgt                               560
221 <210> SEQ ID NO: 7
222 <211> LENGTH: 265
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapiens
226 <220> FEATURE:
227 <221> NAME/KEY: misc_feature
228 <223> OTHER INFORMATION: Incyte ID No: 70351677D1
230 <400> SEQUENCE: 7
231  ctcagctctgg gtatctgcaa actgcacaaag atccagaatt acaattgagg gcaaaacaag 60
232  agcaagaaca aagttttggtg gtgtataaaa tctgtagtac tcttcctcaa aagctcgttt 120
233  ccattccataa attaaaaacat ggaaagtact tatgagcaga gcgacatatc caagtgtaga 180
234  ctgaataaaa ctgaattctc tccagtttaa agcattgctc actgaaggga tagaagtgc 240
235  tgccaggagg gaaagtaagc caagg                               265
237 <210> SEQ ID NO: 8
238 <211> LENGTH: 204
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapiens
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <223> OTHER INFORMATION: Incyte ID No: 4108079H1
246 <220> FEATURE:
247 <221> NAME/KEY: unsure
248 <222> LOCATION: 45, 83, 132
249 <223> OTHER INFORMATION: a, t, c, g, or other
251 <400> SEQUENCE: 8
252  cagagtttat acaccaccaa actttgttct tgctcgtgtt ttgcnctcag gtgtaattct 60
253  ggggaagatt gttttattcc ttngtgtata aggcgaaagc taaaacgaat taagaaaggc 120
254  tggggaaga gttccgatttc tggaagaagg tctgggaggg acaattcgca tgcgcgccg 180
255  -gagagggtca cagtaatggg-atga                               204
257 <210> SEQ ID NO: 9
258 <211> LENGTH: 265
259 <212> TYPE: DNA
260 <213> ORGANISM: Homo sapiens
262 <220> FEATURE:
263 <221> NAME/KEY: misc_feature
264 <223> OTHER INFORMATION: Incyte ID No: 4669848H1
266 <400> SEQUENCE: 9
267  ccggagaggg tcacagtaat gtgatgataa atggtgttca cagctgccat ataaagttct 60
268  actcatgcc aattttttat gacttctacg ttcagttaca agtatgctgt caaattatcg 120
269  tgggttgaaa ctgtttaa at gagatttcaa ctgacttagt gatagagttt tcttcaagtt 180
270  aattttcaca aatgtcatgt ttgccaatat gaatttttct agtcaacata ttattgtaat 240
271  ttaggtatgt tttgttttgt ttgca                               265
273 <210> SEQ ID NO: 10
274 <211> LENGTH: 525
275 <212> TYPE: DNA
276 <213> ORGANISM: Rattus norvegicus
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/802,520

DATE: 03/27/2001

TIME: 09:38:25

Input Set : A:\pc0037us_seqlisting.txt

Output Set: N:\CRF3\03272001\I802520.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8